



Fredericksburg Pathways

- **Bicycle and Pedestrian
Master Plan**

V. PROPOSED PATHWAYS SYSTEM

- SYSTEM OVERVIEW
- PROJECT DESCRIPTIONS
- REGIONAL CONNECTIONS



PROPOSED PATHWAYS SYSTEM

SYSTEM OVERVIEW

- DESCRIPTION OF SYSTEM
- TYPES OF TRAILS
- EVALUATION USING PERFORMANCE MEASURES



PROPOSED PATHWAYS SYSTEM

INDIVIDUAL PROJECT DESCRIPTIONS

- **SHARED-USE TRAILS** – Suitable for use by cyclists & pedestrians; ADA accessible
- **SHARED ROADWAYS** – On-road bicycle lanes and marked routes
- **NATURE/HISTORIC SITES TRAILS** – primitive walking trails located in preserved green space



PROPOSED PATHWAYS SYSTEM

SHARED-USE TRAILS

- RAPPAHANNOCK RIVER HERITAGE TRAIL
- VIRGINIA CENTRAL RAIL
- FALL HILL AVENUE
- EMBREY DAM
- LAFAYETTE BOULAVARD
- NORTH-SOUTH
- COWAN-WILLIAM STREET



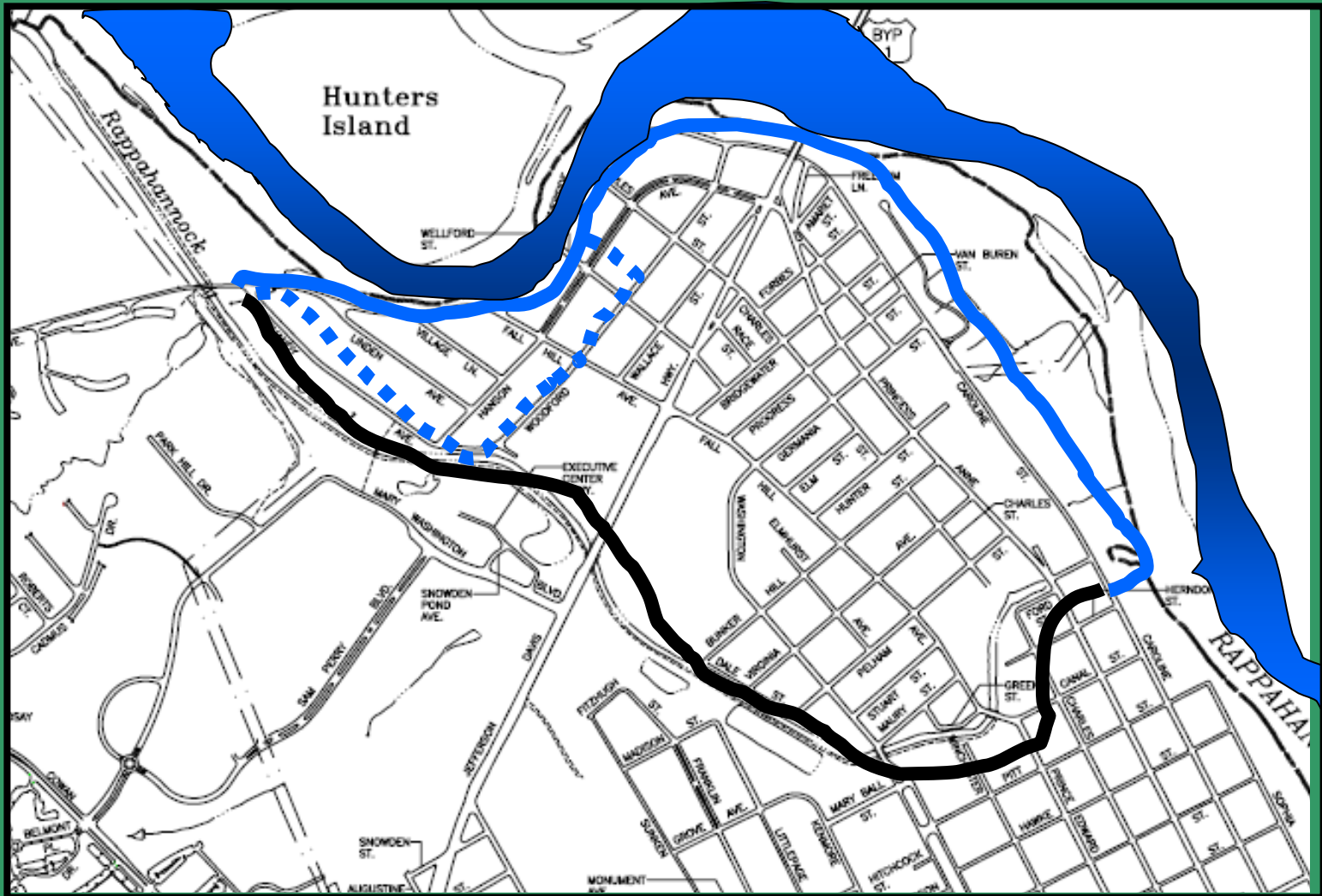
PROPOSED PATHWAYS SYSTEM

RAPPAHANNOCK RIVER HERITAGE TRAIL

- **TYPE:** Shared-Use Trail
- **LOCATION:** Ford St. to Canal Path
- **LENGTH:** 1.5 Miles
- **EST. COST:** \$295,000 – \$326,000
- **DESCRIPTION:** Separate asphalt trail on west side of Caroline St. Crosses at Old Mill Park and runs under Rt. 1 overpass and along Riverside Dr. & Fall Hill to Canal. Completes loop of Canal Path.
- **MAIN USES:** Recreation; part of connection between downtown & Celebrate Virginia and beyond.



RAPPAHANNOCK RIVER HERITAGE TRAIL



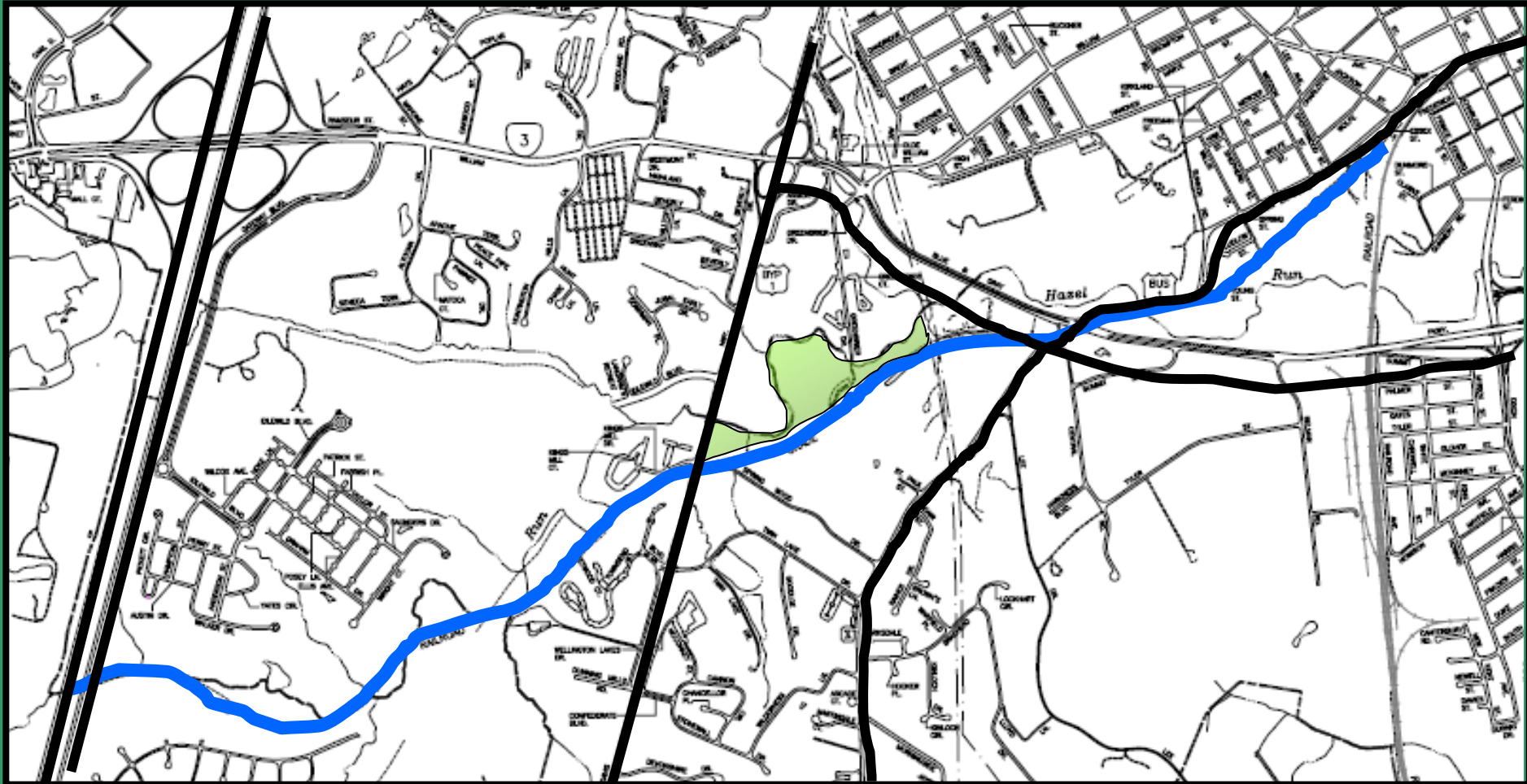
PROPOSED PATHWAYS SYSTEM

VIRGINIA CENTRAL RAIL TRAIL

- **TYPE:** Shared-Use Trail
- **LOCATION:** Old Virginia Central RR right-of-way, from train station to I-95. Right-of-way continues to Orange.
- **LENGTH:** 3.5 Miles
- **EST. COST:** \$707,000 – \$781,000
- **DESCRIPTION:** Asphalt trail through woodlands from downtown to city limit.
- **MAIN USES:** Transportation from Idlewild to town; recreation; part of future 30-mile destination trail.



VIRGINIA CENTRAL RAIL TRAIL



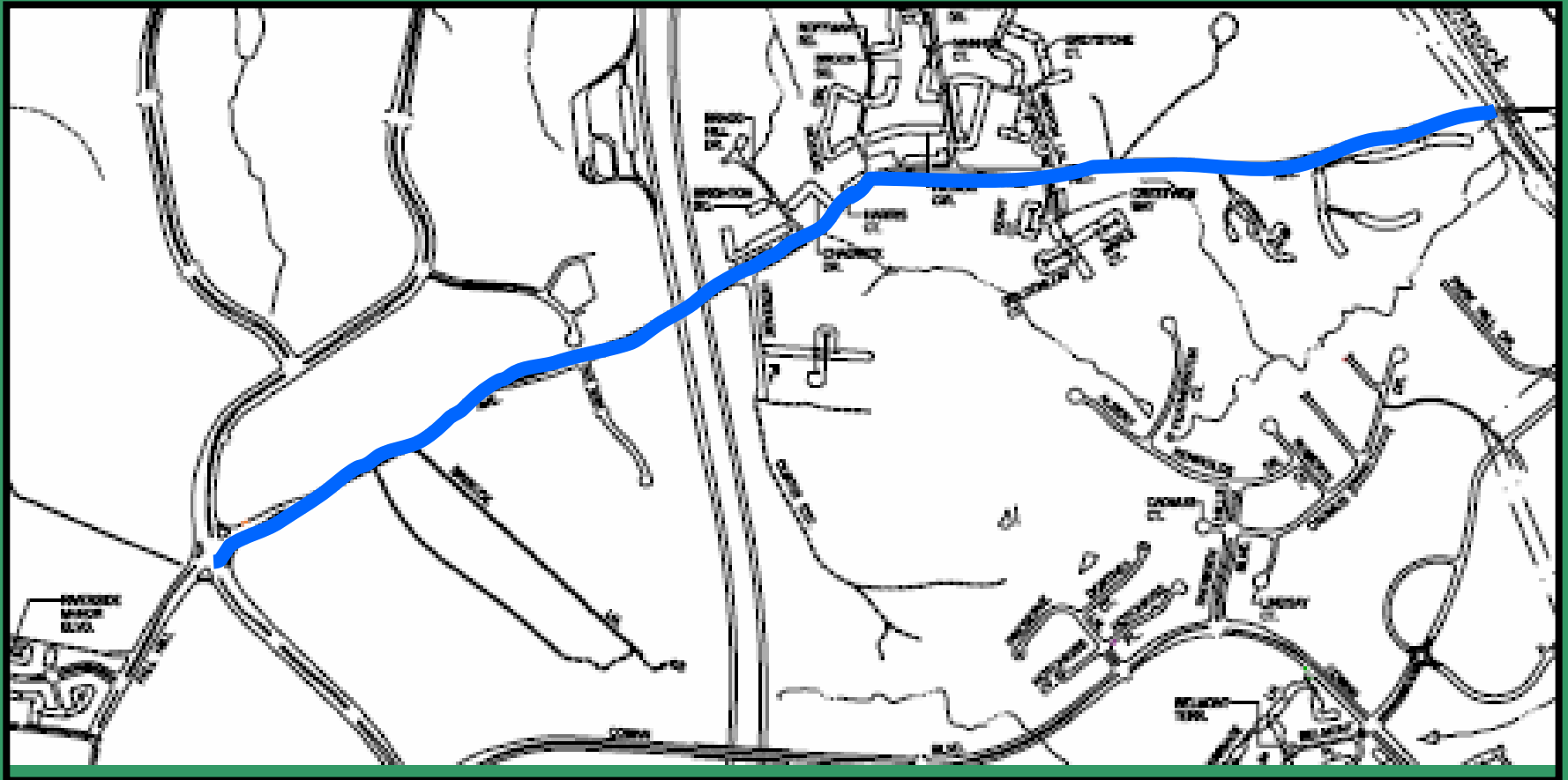
PROPOSED PATHWAYS SYSTEM

FALL HILL AVENUE TRAIL

- **TYPE:** Shared-Use Trail
- **LOCATION:** Along Fall Hill Ave. from the Canal to Central Park.
- **LENGTH:** 1.7 Miles
- **EST. COST:** \$240,000 -- \$266,000
- **DESCRIPTION:** Separate asphalt trail along the south side of Fall Hill Ave.
- **MAIN USES:** Transportation link between downtown and Central Park and beyond; part of Fredericksburg Loop.



FALL HILL AVENUE TRAIL



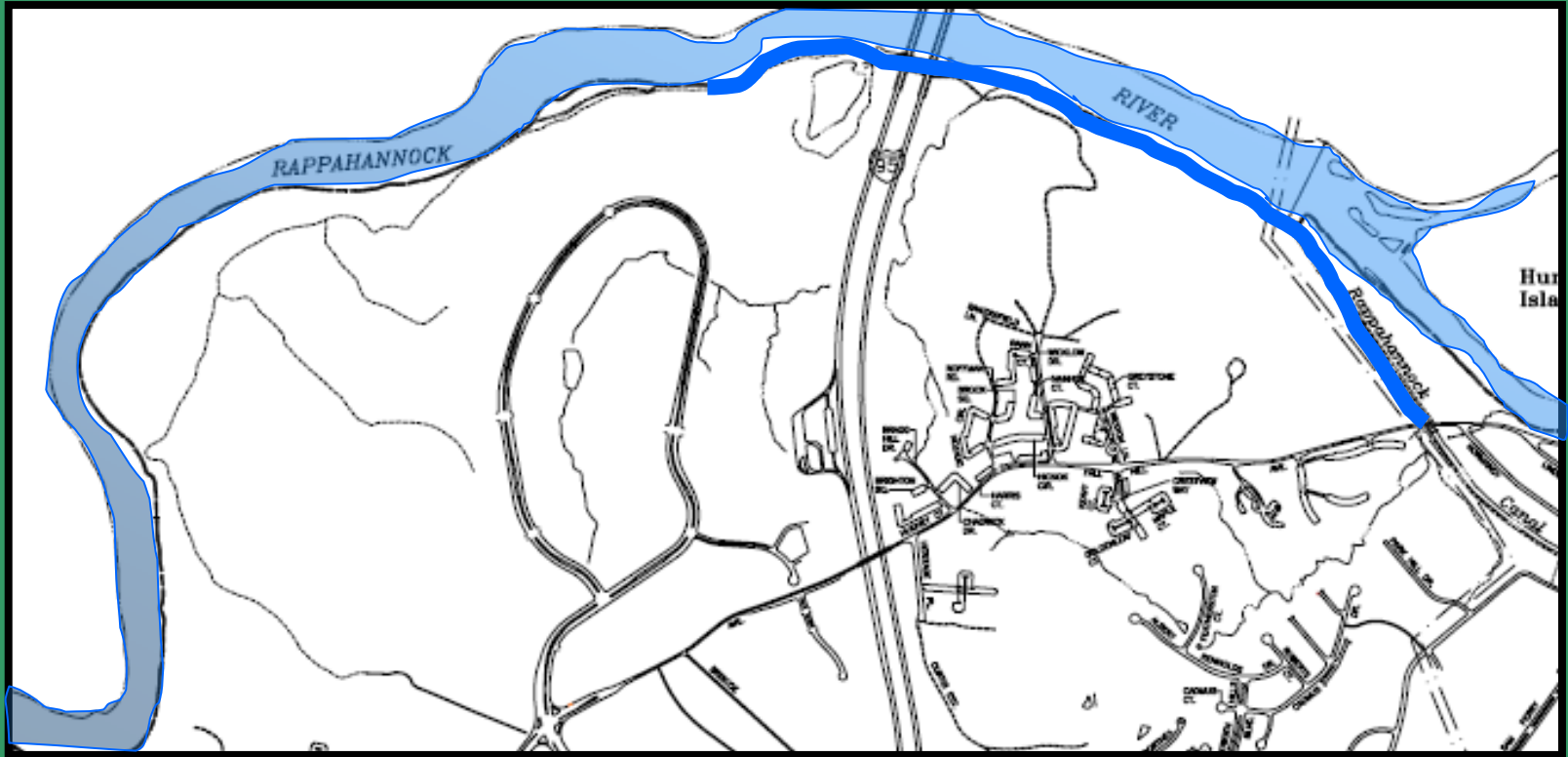
PROPOSED PATHWAYS SYSTEM

EMBREY DAM TRAIL

- **MAIN TYPE:** Shared-Use Trail
- **LOCATION:** From Fall Hill Ave end of Canal Path along Rappahannock to Celebrate Virginia trails
- **LENGTH:** 1.5 – 2.5 Miles
- **EST. COST:** \$133,000 – \$246,000
- **DESCRIPTION:** Independent trail along scenic, old canal route.
- **USES:** Recreation, scenic link between Celebrate Virginia and downtown.



EMBREY DAM TRAIL



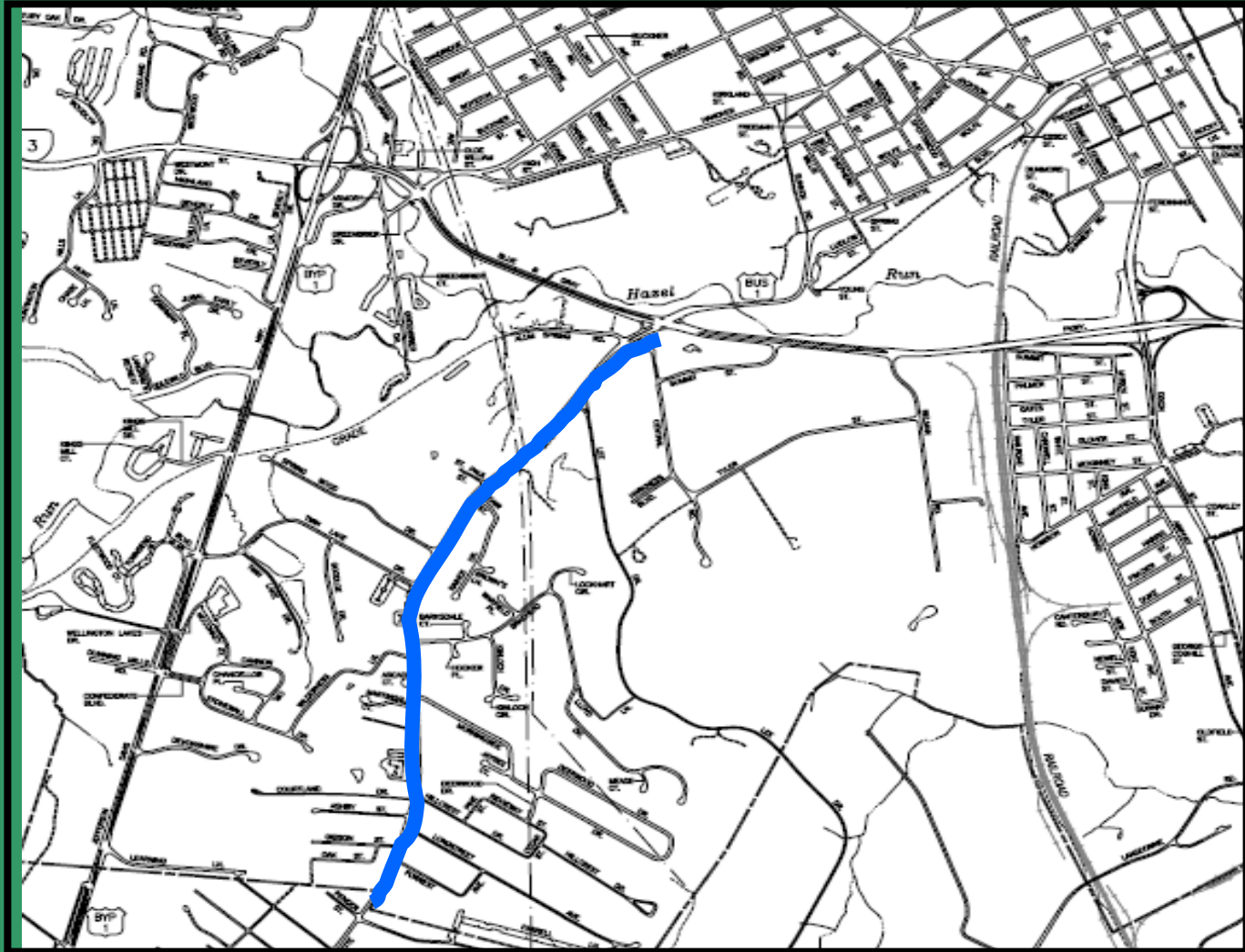
PROPOSED PATHWAYS SYSTEM

LAFAYETTE BOULEVARD TRAIL

- **TYPE:** Shared-Use Trail
- **LOCATION:** Along Lafayette Boulevard from the Blue-Gray Parkway to the city limit.
- **LENGTH:** 1.5 Miles
- **EST. COST:** \$212,000 – \$235,000
- **DESCRIPTION:** Asphalt trail parallel to Lafayette Boulevard
- **MAIN USES:** Transportation from neighborhoods to downtown; link to other trails; route to schools



LAFAYETTE BOULEVARD TRAIL



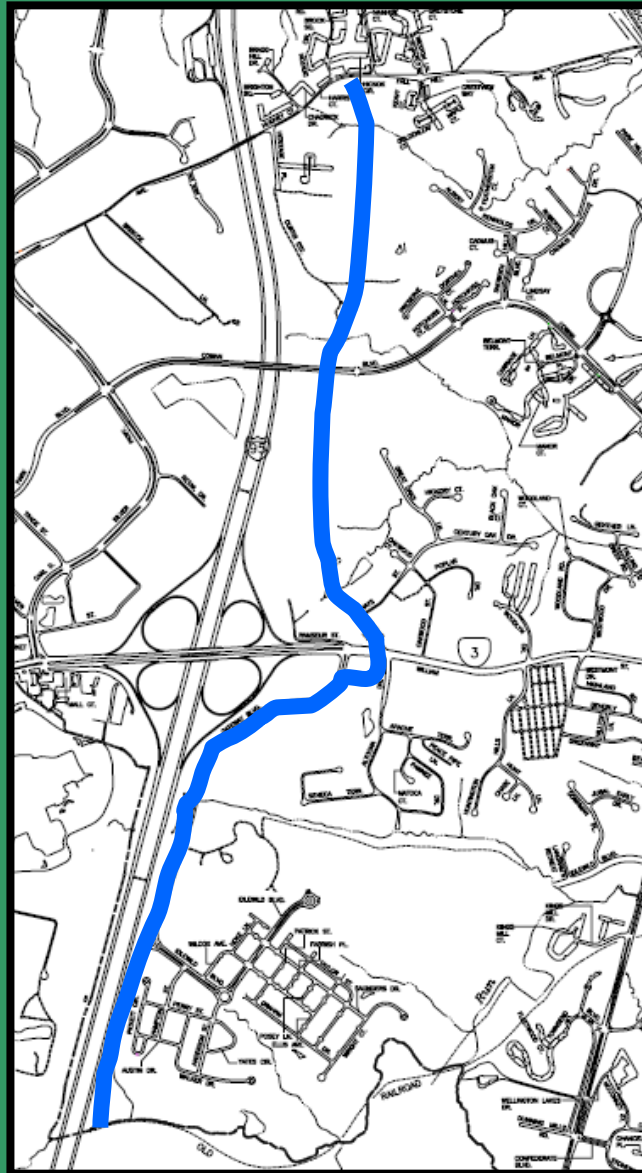
PROPOSED PATHWAYS SYSTEM

NORTH-SOUTH TRAIL

- **TYPE:** Shared-Use Trail
- **LOCATION:** Along Mahone Street extension from Fall Hill Ave to Rt 3, then along Gateway Blvd & Idlewild to VCR Trail
- **LENGTH:** 2.5 Miles
- **EST. COST:** \$353,000 -- \$391,000
- **DESCRIPTION:** Asphalt trail parallel to Mahone St between Fall Hill Ave and Rt 3. Crossing Rt 3, parallels Gateway Blvd and I-95 to the VCR Trail.
- **MAIN USES:** Connects neighborhoods west of Rt 1 to shopping areas and other trails.



NORTH-SOUTH TRAIL



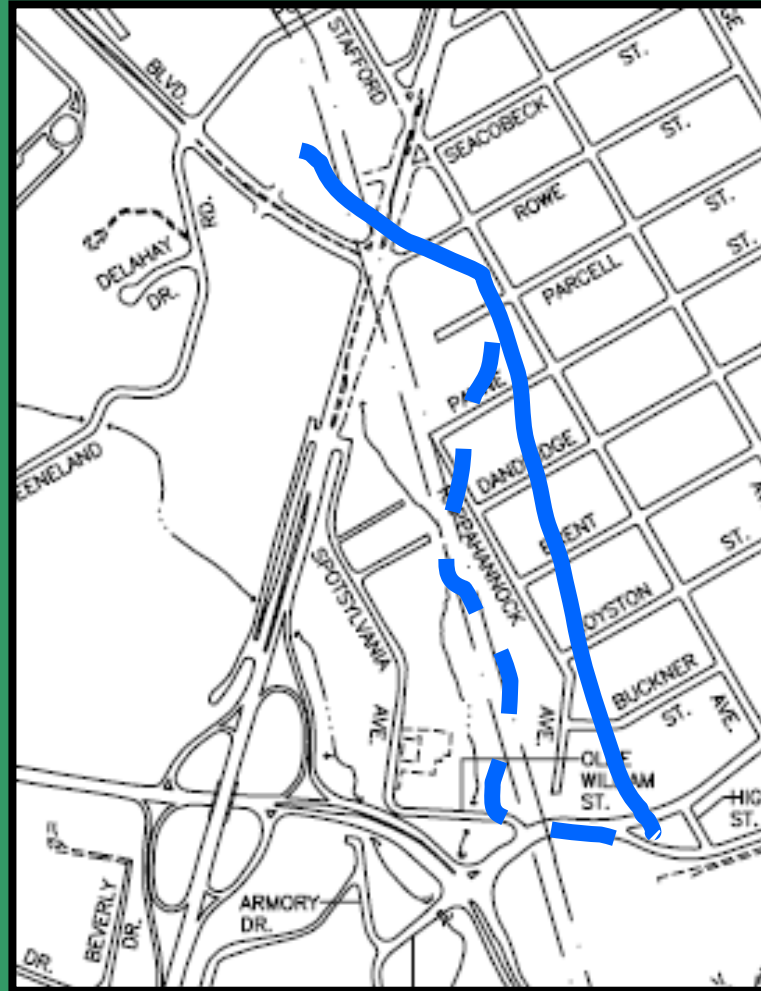
PROPOSED PATHWAYS SYSTEM

COWAN – WILLIAM STREET TRAIL

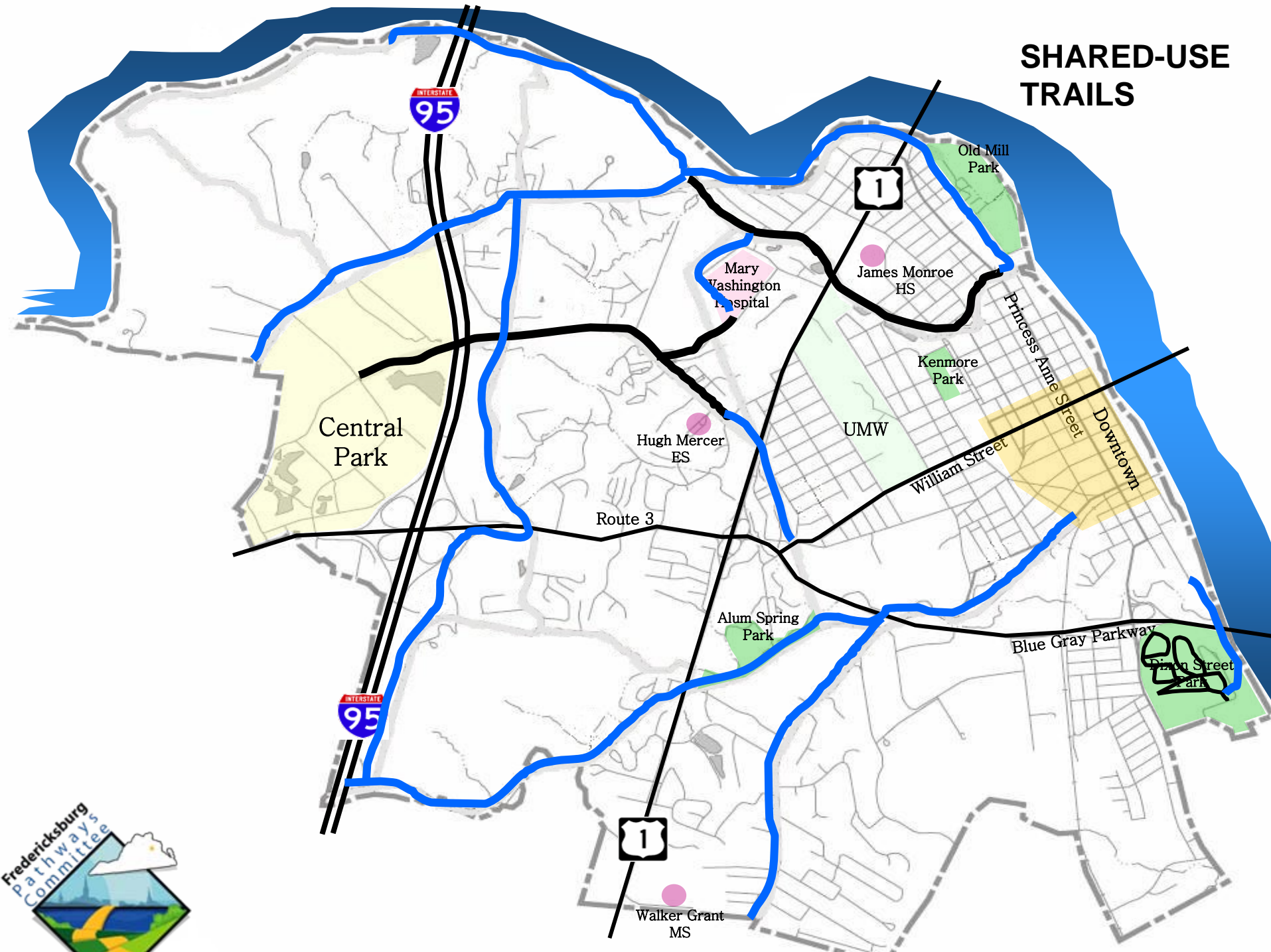
- **TYPE:** Shared-Use Trail
- **LOCATION:** From end of Cowan Blvd Trail to William St
- **LENGTH:** .4 Miles
- **EST. COST:** \$57,000 – \$63,000
- **DESCRIPTION:** Asphalt trail crosses Rt 1 and runs on power easement to William St
- **MAIN USES:** Transportation link between Cowan Blvd Trail and Alum Spring bicycle loop and other trails



COWAN – WILLIAM STREET TRAIL



SHARED-USE TRAILS



PROPOSED PATHWAYS SYSTEM

SHARED ROADWAYS

- **BICYCLE LANES**
 - DOWNTOWN LOOP
 - ALUM SPRING LOOP
 - DOWNTOWN – DIXON PARK
 - SPRINGWOOD DRIVE
- **BICYCLE ROUTES**



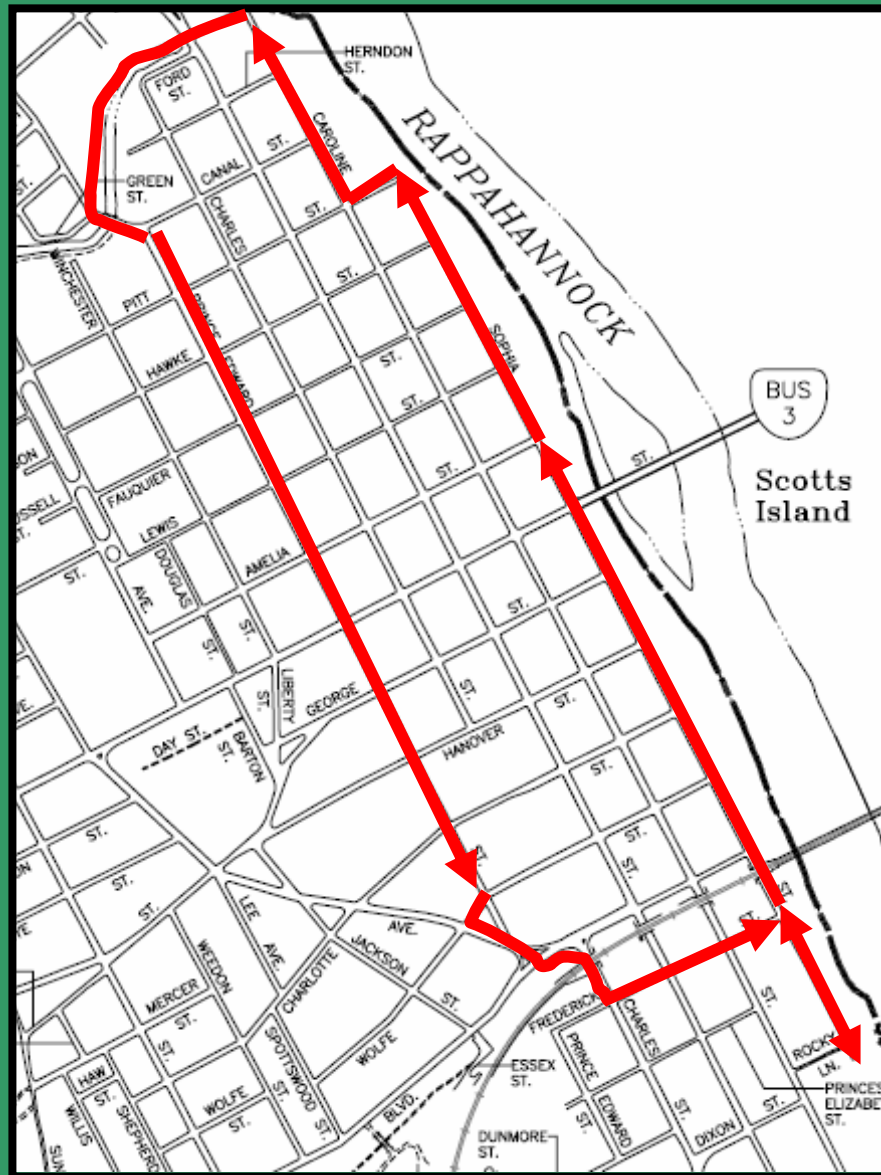
PROPOSED PATHWAYS SYSTEM

Downtown Loop Trail

- **TYPE:** On-Road Bicycle Lanes
- **LOCATION:** From City Dock north on Sophia to Pitt St, then Caroline St to Canal Path, then Prince Edward St to Charles St to Frederick Street and return to City Dock.
- **LENGTH:** 2.6 Miles
- **EST. COST:** \$13,000 -- \$15,000
- **DESCRIPTION:** Bicycle lanes marking one-way travel in a counter-clockwise loop along downtown streets.
- **MAIN USES:** Provides safe bicycle travel in downtown; links to a number of trails leading into and out of city



DOWNTOWN LOOP



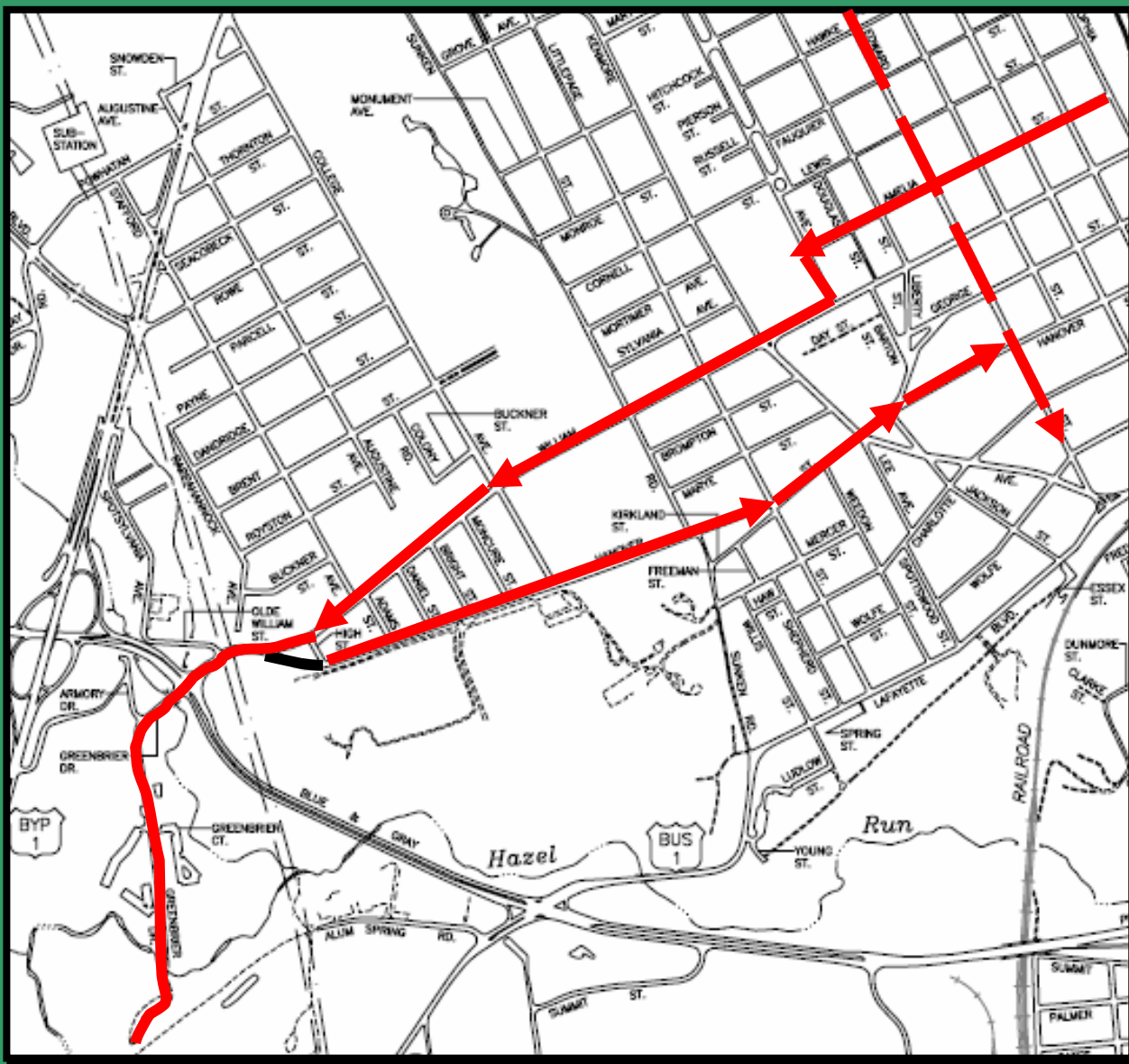
PROPOSED PATHWAYS SYSTEM

Alum Spring Loop Trail

- **TYPE:** On-Road Bicycle Lanes
- **LOCATION:** From Sophia St on Amelia St to Washington Ave and William St, then William and Greenbriar St to Alum Spring Park. Return via Hanover St to Downtown Loop.
- **LENGTH:** 3.5 Miles
- **EST. COST:** \$18,000 -- \$20,000
- **DESCRIPTION:** Bicycle lanes in one direction from downtown to Alum Spring Park and return. Two lanes on William St and Greenbriar St portions of loop
- **MAIN USES:** Provides safe bicycle travel between downtown and college, neighborhoods, and parks; links to Cowan-William St and VCR trails.



ALUM SPRING LOOP



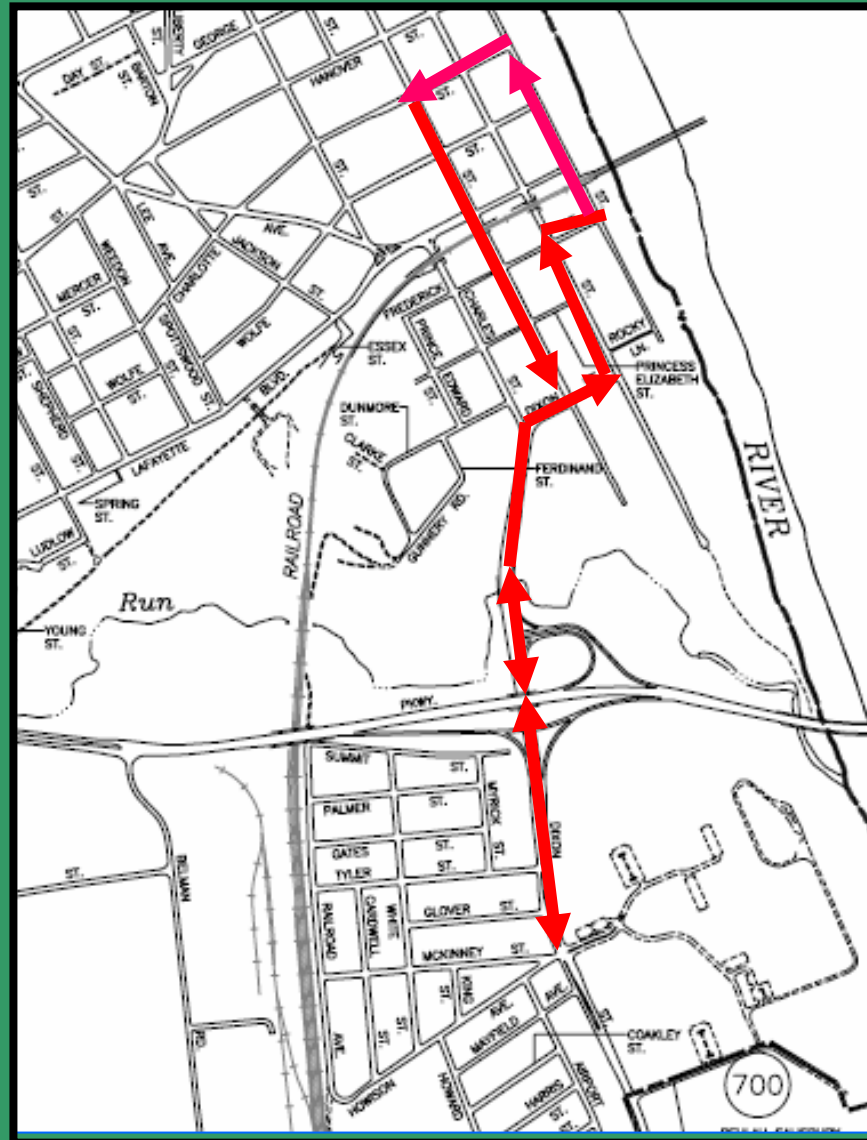
PROPOSED PATHWAYS SYSTEM

Downtown – Dixon Park Trail

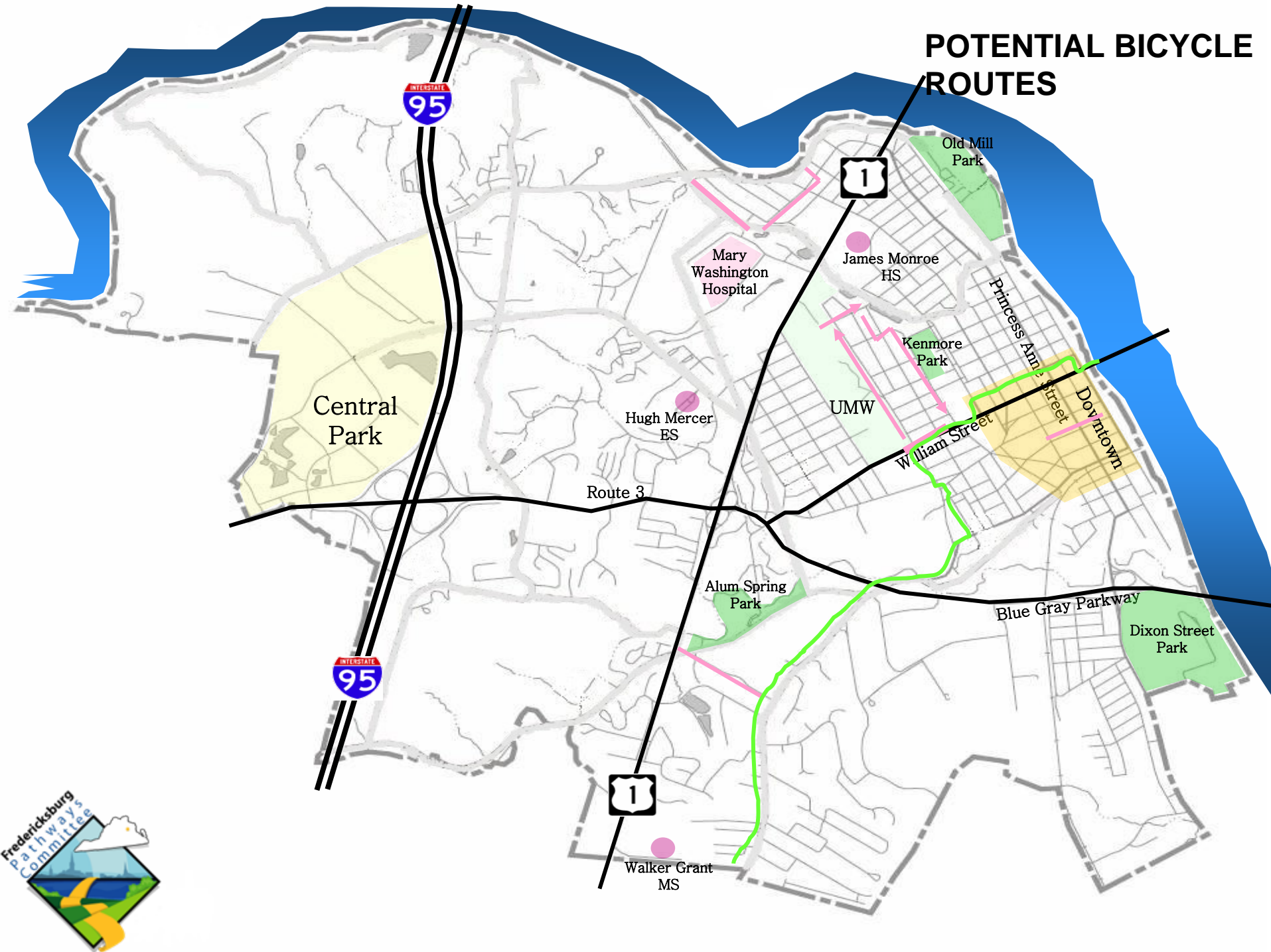
- **TYPE:** On-Road Bicycle Lanes
- **LOCATION:** From Visitors Center on Princess Anne to Dixon St and Dixon Park, returning on Dixon St to Caroline St and the Downtown Loop.
- **LENGTH:** 1.5 Miles
- **EST. COST:** \$8,000 -- \$9,000
- **DESCRIPTION:** Bicycle lanes on one direction on Princess Anne, then two directions on Dixon St to Dixon Park.
- **MAIN USES:** Bicycle transportation between downtown and Dixon Park; links to VCR and other trails.



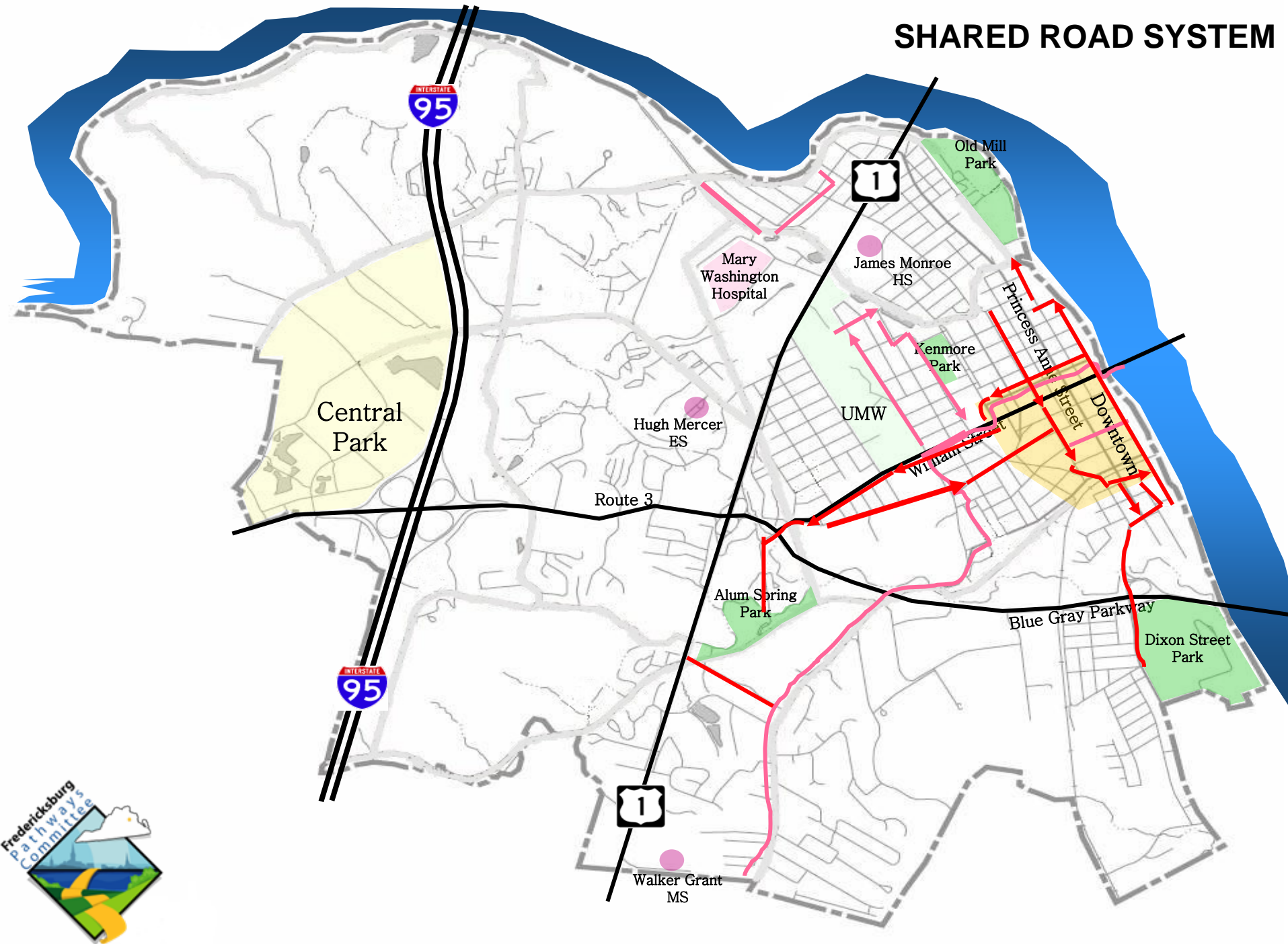
DOWNTOWN – DIXON PARK



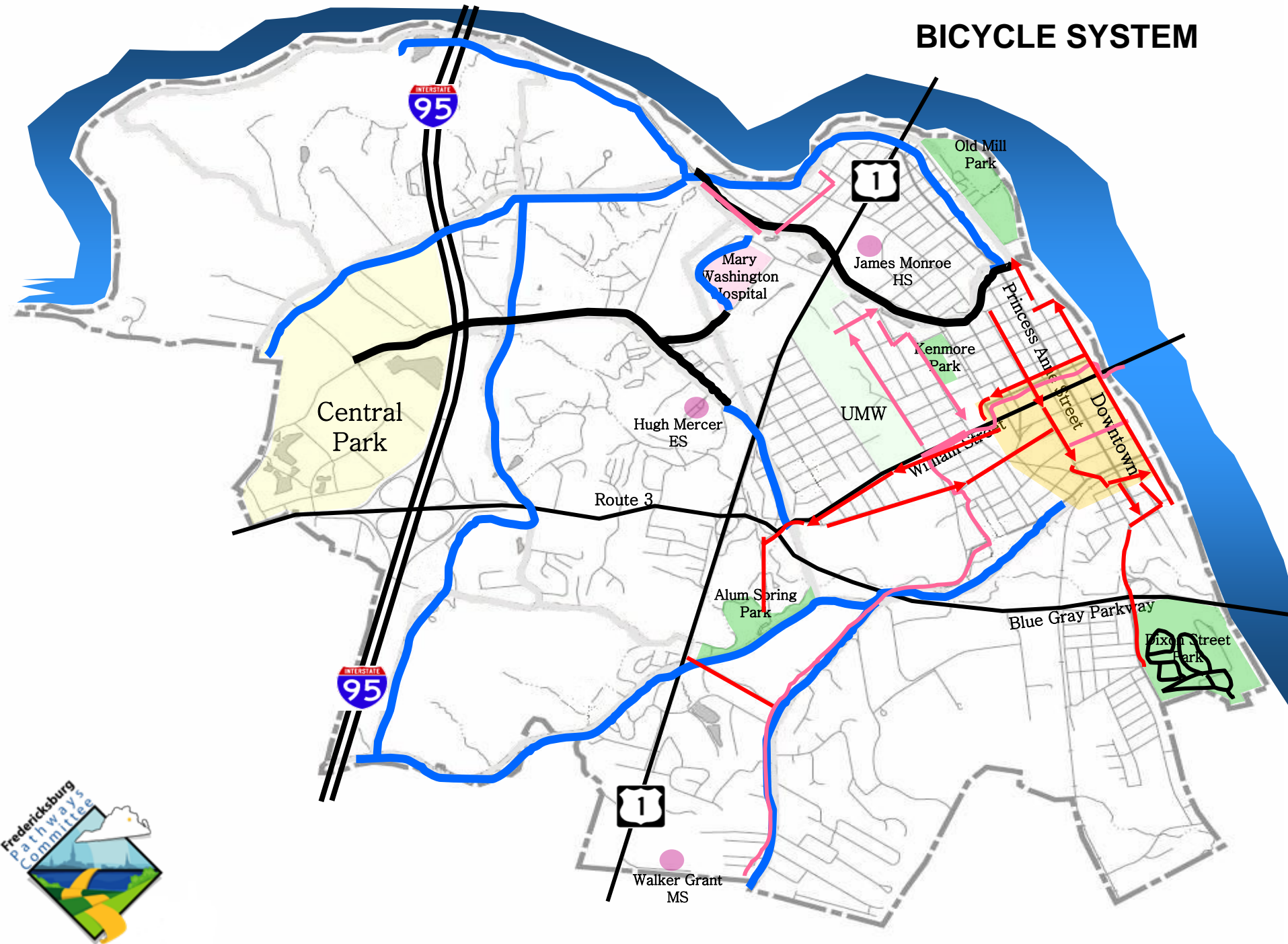
POTENTIAL BICYCLE ROUTES



SHARED ROAD SYSTEM



BICYCLE SYSTEM



PROPOSED PATHWAYS SYSTEM

NATURE/HISTORIC SITES TRAILS

- HAZEL RUN TRAIL SYSTEM
- FALL HILL GREENWAY
- SMITH RUN TRAIL
- DIXON PARK TRAIL
- RAPPAHANNOCK RIVER TRAIL



PROPOSED PATHWAYS SYSTEM

Hazel Run Trail

- **TYPE:** Nature Trail
- **LOCATION:** Rappahannock River to I-95 along Hazel Run
- **LENGTH:** 4.6 Miles
- **EST. COST:** \$73,000 -- \$81,000
- **DESCRIPTION:** Primitive hiking trail in a scenic, wooded setting for foot traffic only along the route of Hazel Run.
- **MAIN USES:** Hiking; nature enjoyment.



HAZEL RUN TRAIL



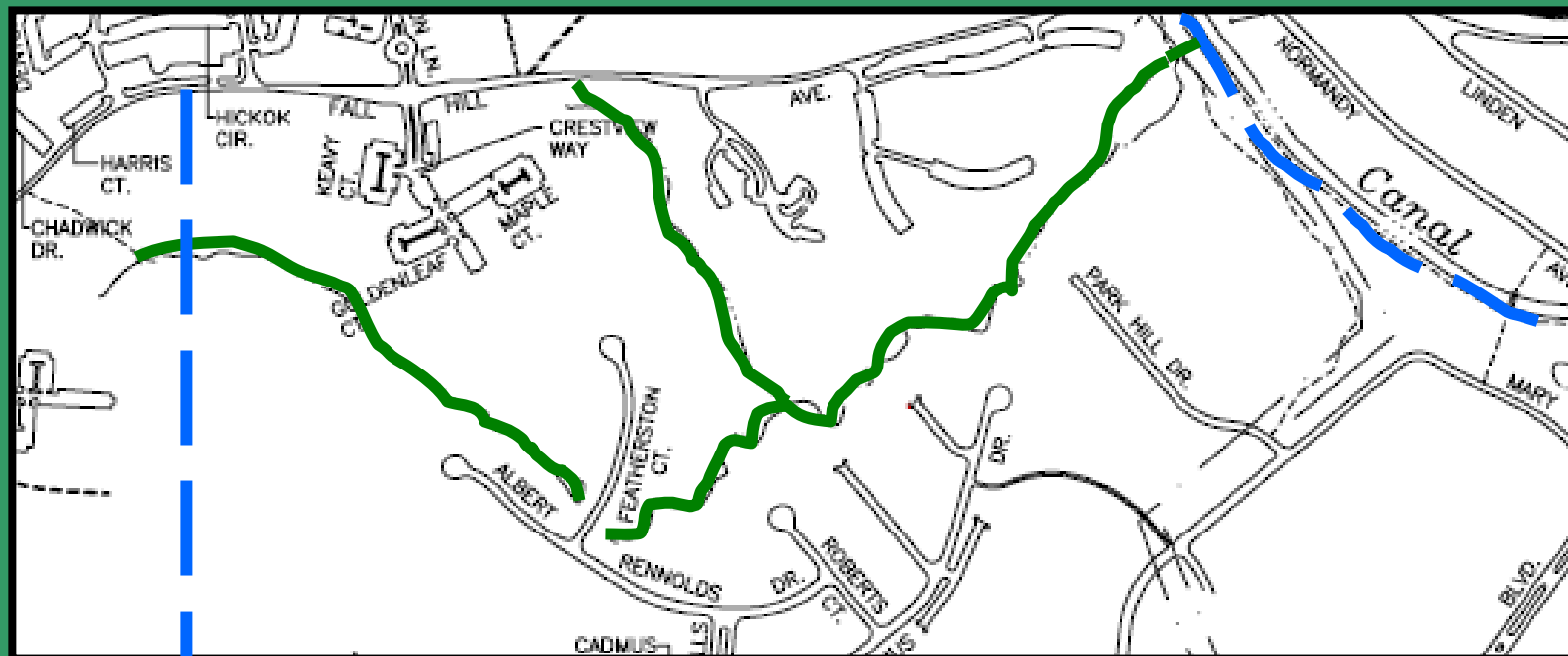
PROPOSED PATHWAYS SYSTEM

Fall Hill Greenway Trail

- **TYPE:** Nature Trail
- **LOCATION:** Canal Path to points along Fall Hill Ave, Hills of Snowden, and new Mahone Dr.
- **LENGTH:** Not yet determined.
- **EST. COST:** \$30,000 -- \$32,000
- **DESCRIPTION:** Primitive hiking trails in a scenic, wooded setting for foot traffic only along the stream beds
- **MAIN USES:** Hiking; nature enjoyment.



FALL HILL GREENWAY



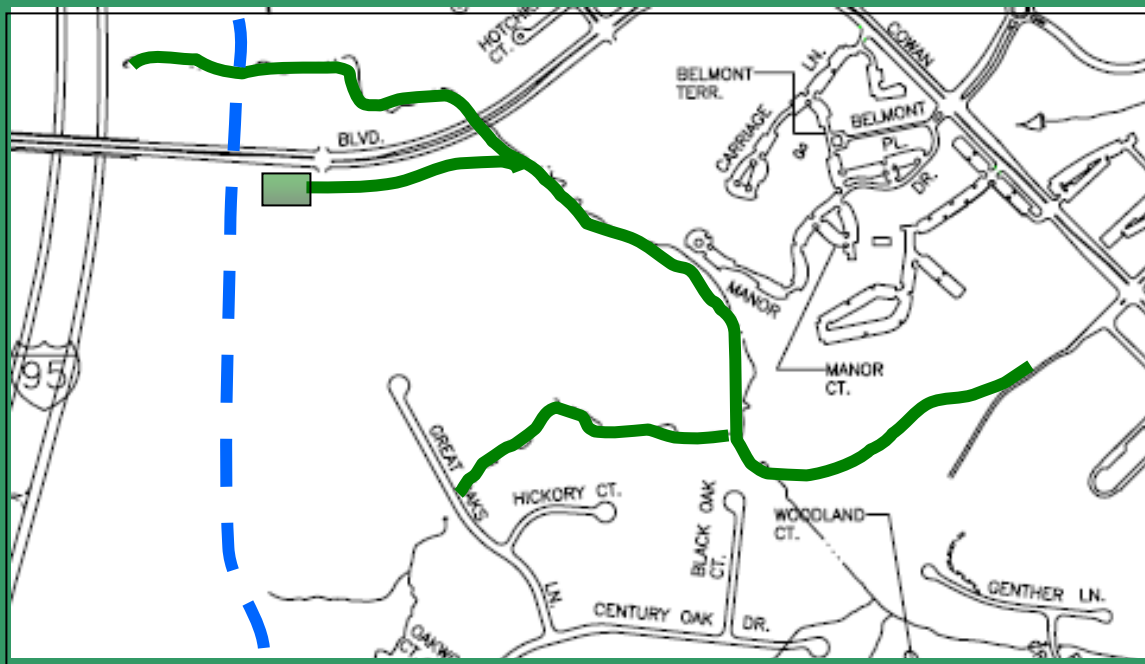
PROPOSED PATHWAYS SYSTEM

Smith Run Trail

- **TYPE:** Nature Trail
- **LOCATION:** Along Smith Run from Hugh Mercer Elementary School to Cowan Blvd, with branch to Great Oaks subdivision.
- **LENGTH:** 1.2 miles.
- **EST. COST:** \$39,000 -- \$44,000
- **DESCRIPTION:** Primitive hiking trails in a scenic, wooded setting for foot traffic only along Smith Run and branches.
- **MAIN USES:** Hiking; nature enjoyment.



SMITH RUN TRAIL



PROPOSED PATHWAYS SYSTEM

Downtown – Dixon Park Trail

- **TYPE:** Nature Trail
- **LOCATION:** Caroling St to Dixon Park
- **LENGTH:** .6 miles
- **EST. COST:** \$64,000 -- \$71,000
- **DESCRIPTION:** Primitive hiking trail in a scenic, wooded setting for foot traffic between downtown and Dixon Park, crossing Hazel Run
- **MAIN USES:** Hiking; nature enjoyment; link to Hazel Run Trail.



DIXON PARK TRAIL



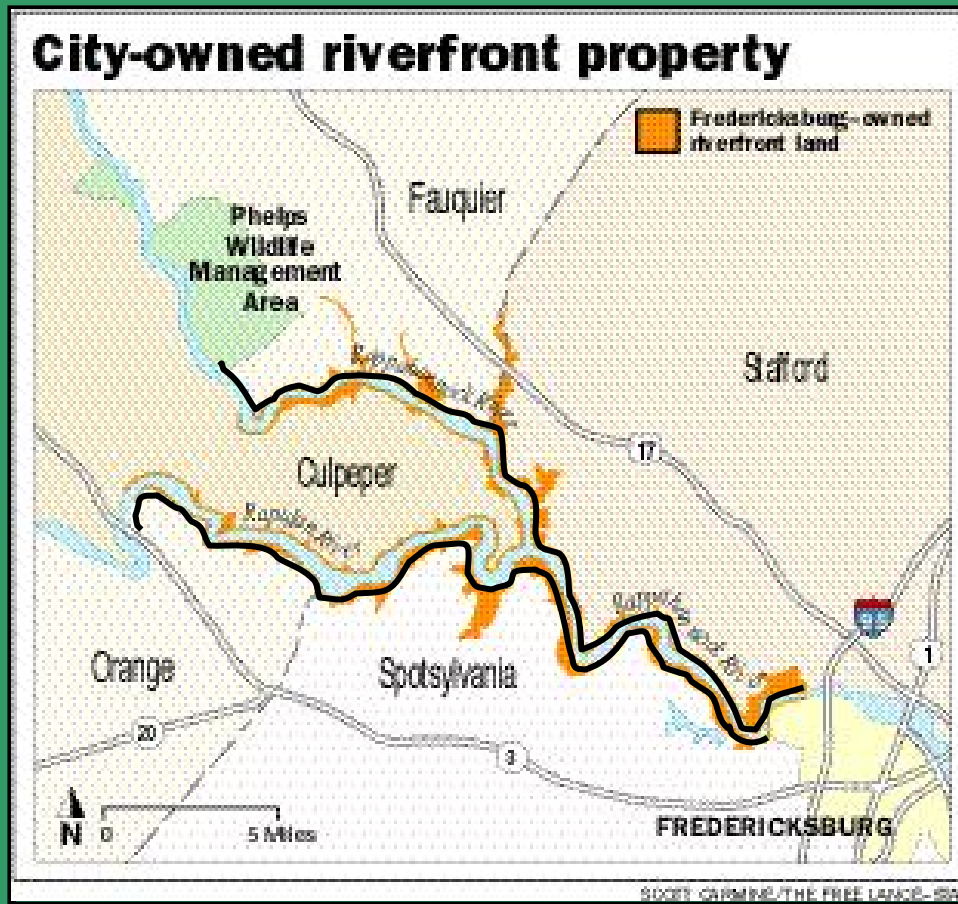
PROPOSED PATHWAYS SYSTEM

Rappahannock River Trail

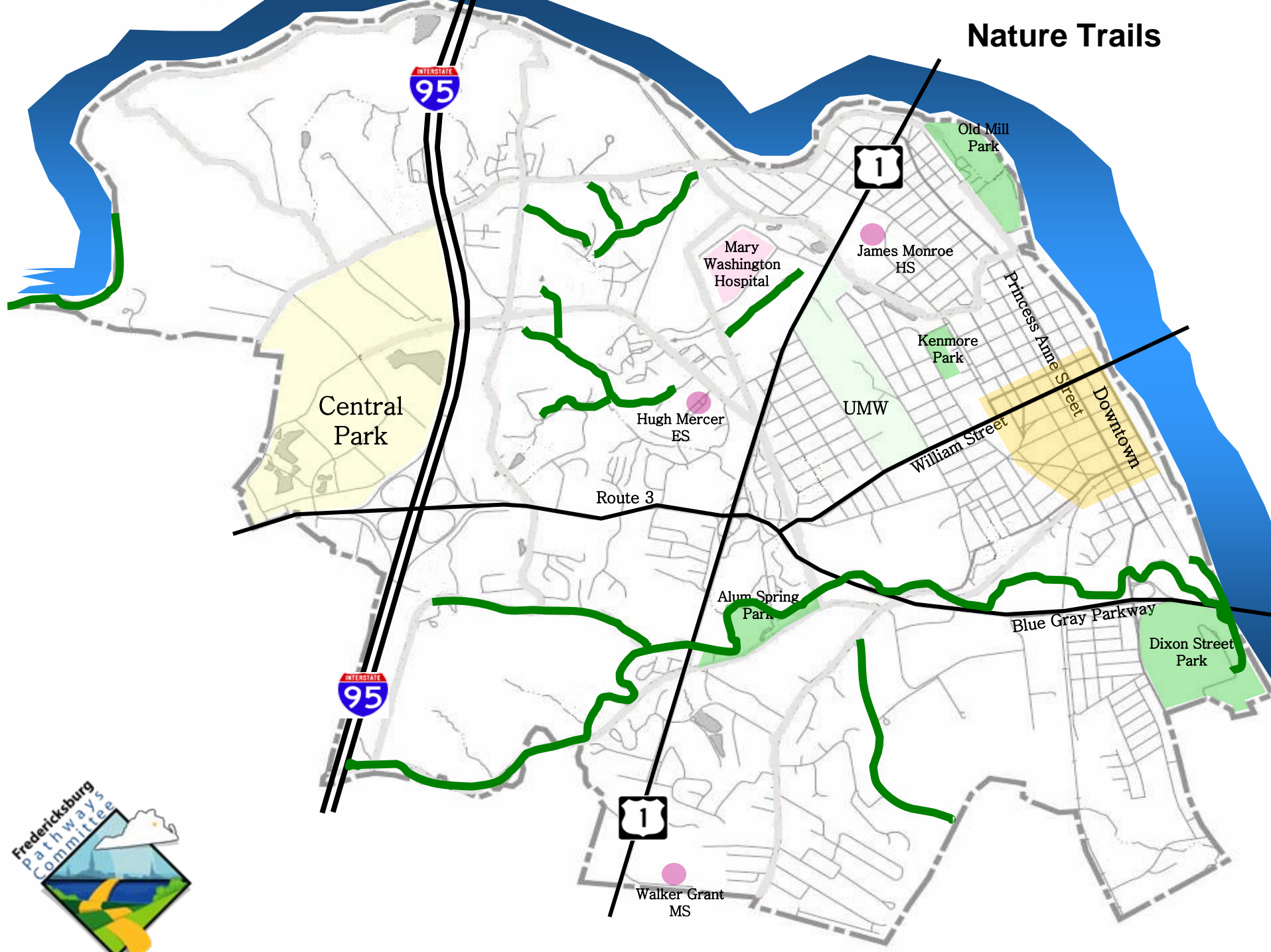
- **TYPE:** Long-Distance Nature Trail
- **LOCATION:** Celebrate Virginia along Rappahannock & Rapidan Rivers
- **LENGTH:** 11 – 40 miles.
- **EST. COST:** Unknown
- **DESCRIPTION:** Primitive hiking trail in a scenic, wooded setting along the Rappahannock & Rapidan, for foot traffic only.
- **MAIN USES:** Hiking; backpacking; foot access to river; nature enjoyment.



RAPPAHANNOCK RIVER TRAIL



Nature Trails



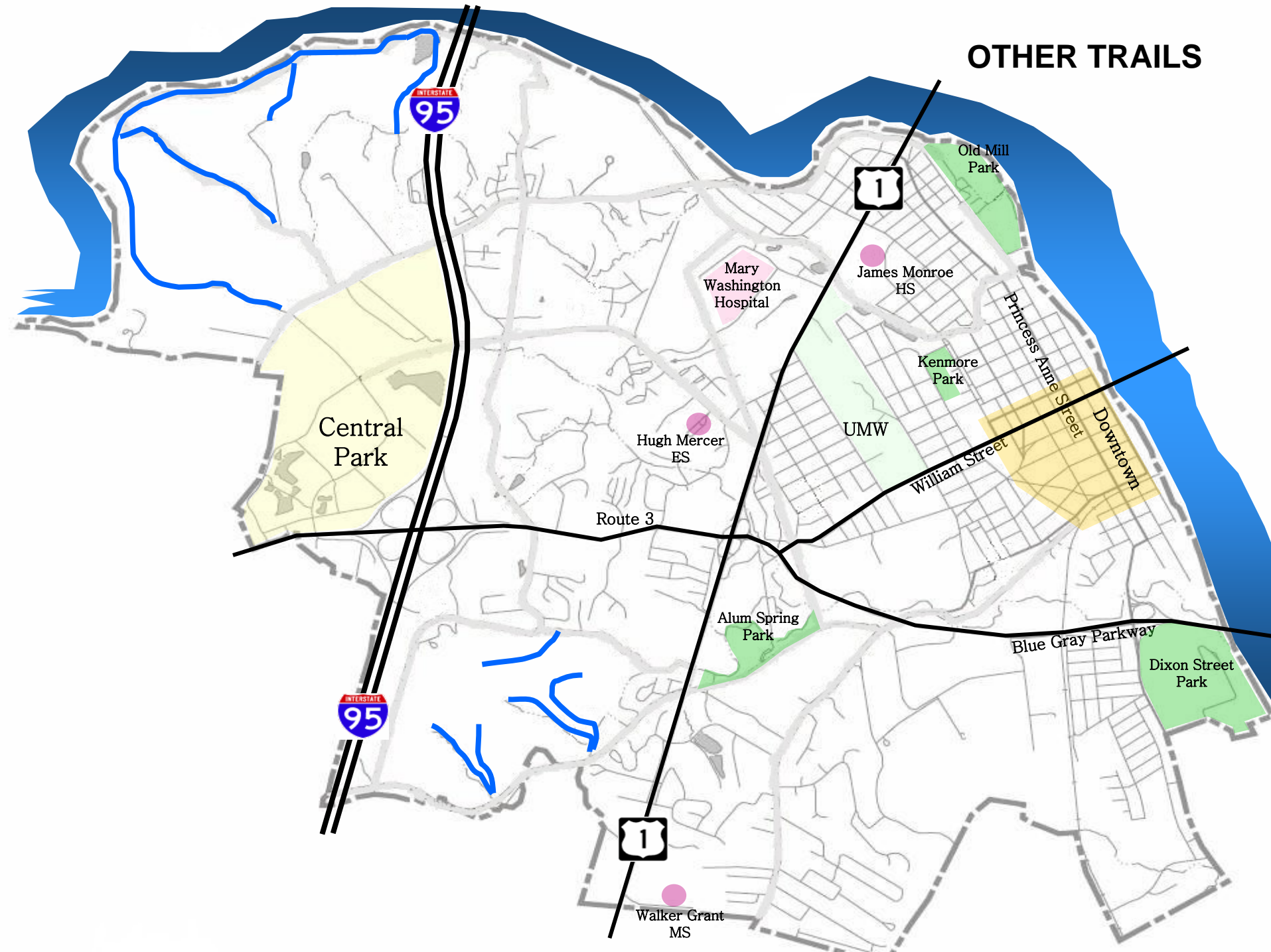
PROPOSED PATHWAYS SYSTEM

OTHER TRAILS

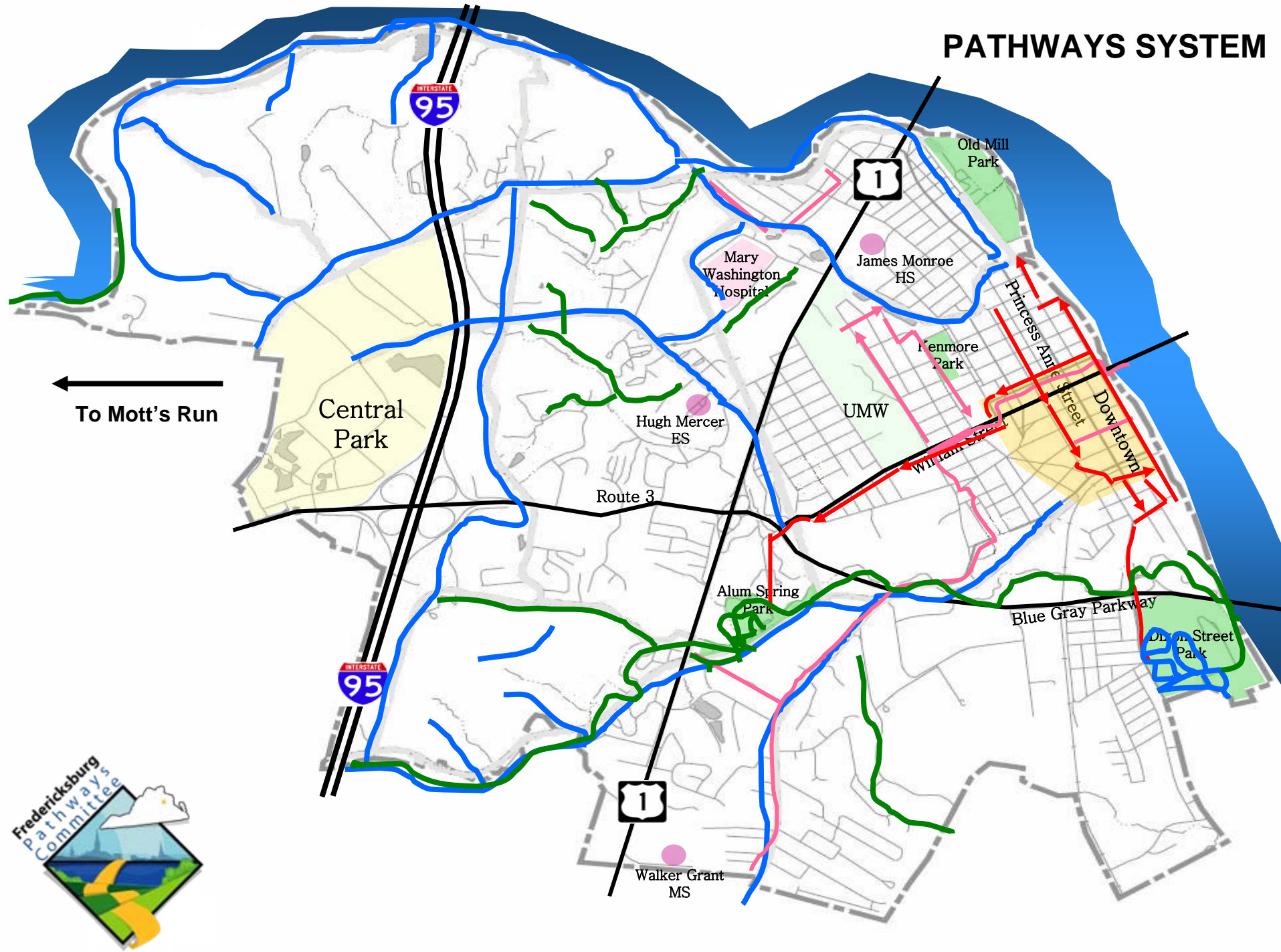
- CELEBRATE VIRGINIA TRAILS
- IDLEWILD TRAILS



OTHER TRAILS



PATHWAYS SYSTEM



PROPOSED PATHWAYS SYSTEM

ESTIMATED COSTS

▪ EXISTING TRAIL IMPROVEMENTS	\$165,000
▪ SHARED-USE TRAILS	\$2.0-2.5 Million
▪ ON-ROAD TRAILS	\$39-45,000
▪ NATURE TRAILS	<u>\$206-228,000</u>
▪ TOTAL*	\$2.4-2.9 Million

*Does not include Rappahannock River Trail



PROPOSED PATHWAYS SYSTEM

REGIONAL CONNECTIONS

- EAST COAST GREENWAY
- STAFFORD TRAILS
 - Falmouth Bridge
 - Chatham Bridge
 - FSPA Trails
- SPOTSYLVANIA TRAILS
 - VCR Trail



REGIONAL CONNECTIONS



EAST COAST GREENWAY

- Urban “Appalachian Trail”
- Canada to Caribbean

